



an Open Access Journal by MDPI

Advances in Flexible Bioelectronics and Intelligent Biosensing Systems

Guest Editor:

Dr. Shuwen Chen

Institute of Medical Equipment
Science and Engineering,
Huazhong University of Science
and Technology, Wuhan, China

Deadline for manuscript
submissions:

20 April 2025

Message from the Guest Editor

Dear Colleagues,

Flexible bio-electronics and intelligent *biosensing* systems are cutting-edge technologies that enable efficient and precise monitoring of various biophysiological signals. The integration of bio-electronics and *biosensors* has significantly promoted long-term continuous health monitoring, early disease diagnosis, and lifestyle and disease management. Nonetheless, the demand for high-quality, flexible bio-electronics and intelligent *biosensing* systems that are robust, conformable, easy to use, rich in clinical information, and capable of effective mass production is ever increasing. Therefore, this Special Issue, "Advances in Flexible Bioelectronics and Intelligent *Biosensing* Systems", focuses on recent advances in the development of bio-interfaced flexible chemical and physical *sensors* and intelligent *sensing* systems. We invite submissions that help to advance the field of flexible bio-electronics and *biosensing* technology and its applications for biomarker detection, disease diagnosis, and other biomedical applications.



mdpi.com/si/207585

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giovanna Marrazza

Department of Chemistry “Ugo Schiff”, University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Chemistry, Analytical) / CiteScore - Q1 (Engineering (miscellaneous))

Contact Us

Biosensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biosensors
biosensors@mdpi.com
X@Biosensors_MDPI